NDPK | Nucleaoside diphosphate kinase

CD BioSciences
Plant Protein

Cat *PA01018*

Size *50 µl*

Host
Rabbit

Clonality
Polyclonal

Confirmed reactivity
Arabidopsis thaliana, Pisum sativum

Immunogen
KLH-conjugated synthetic peptide derived from Pisum sativum NDPK, UniProt: Q9SP13. Peptide is conserved in Arabidopsis thaliana NDPKIII, UniProt:O49203 and NDPK IV, UniProt: Q8LAH8, but is not conserved in NDPK1.

Host
Rabbit

Clonality
Polyclonal

Purity
Serum

Format
Lyophilized

Reconstitution
For reconstitution add 50 µl of sterile water

Storage
Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application
Western blot (WB)

Recommended dilution
1 : 5000 (WB)

Expected | apparent MW
25 kDa

Confirmed reactivity
Arabidopsis thaliana, Pisum sativum

Predicted reactivity
Brassica campestris, Oryza sativa, Spinacia oleracea, Vitis vinifera

Not reactive in
No confirmed exceptions from predicted reactivity are currently known

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Additional information

1: 5000 dilution in a western blot is used for 15 μg of protein per lane

Description

The nucleoside diphosphokinase protein (EC=2.7.4.6) catalyzes the transfer of G-phosphate groups from adenosine triphosphate (ATP) to homologous nucleoside diphosphate. This helps to balance the nucleoside library. NDPK enzymes are present in most subcellular compartments of eukaryotic cells.

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